

FORM PTO-1595
(Rev. 6-93)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

OMB No. 0651-0011 (exp. 4/94)

Tab Settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rachel Meyers Execution Date: November 16, 2001
 Kyle MacBeth Execution Date: November 14, 2001
 Fong-Ying Tsai Execution Date: November 14, 2001

Additional name(s) of conveying parties attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/945,254

B. Patent No.(s)

Additional Numbers attached?

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jean M. Silveri

Internal Address: Millennium Pharmaceuticals, Inc.

Street Address: 75 Sidney Street

City: Cambridge State: MA ZIP: 02139

6. Total number of applications and patents involved 17. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

501668

(Attach duplicate copy of this page if paying by deposit account)

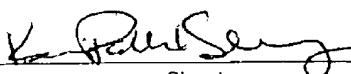
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kerri Pollard Schray, Reg. No. 47,066

Name of Person Signing



Signature

August 6, 2003

Date

Total number of pages including cover sheet, attachments, and document:

10

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation, Commissioner for Patents,
 P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

We, Rachel Meyers of Newton, MA, Kyle MacBeth of Boston, MA, and Fong-Ying Tsai of Newton, MA, in consideration of One Dollar and other valuable consideration paid to us by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, Massachusetts, 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

8797, A NOVEL HUMAN GALACTOSYLTRANSFERASE AND USES THEREOF

described in an application

executed by us of even date herewith and about to be filed
 Serial No. 09/945,254, filed on August 31, 2001

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 16 day of Nov, 2001.

By: Rachel Myers
Rachel Myers

State of Massachusetts)
)ss
County of Middlesex)

Then personally appeared the above named Rachel Myers and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 16th day of November, 2001.

Ann Sherry
Notary Public (ANN SHERRY)

My commission expires: 4/19/07

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Kyle MacBeth

State of _____)
)ss
County of _____)

Then personally appeared the above named Kyle MacBeth and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Fong-Ying Tsai

State of _____)
)ss
County of _____)

Then personally appeared the above named Fong-Ying Tsai and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

ASSIGNMENT

We, Rachel Meyers of Newton, MA, Kyle MacBeth of Boston, MA, and Fong-Ying Tsai of Newton, MA, in consideration of One Dollar and other valuable consideration paid to us by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, Massachusetts, 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

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And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _____ day of _____, 2001.

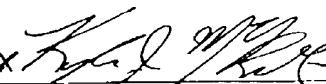
By: _____
Rachel Meyers

State of _____)
)ss
County of _____)

Then personally appeared the above named Rachel Meyers and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

WITNESS my hand and seal this 14th day of November, 2001.By: 
Kyle MacBethState of Massachusetts)
)ss
County of Middlesex)Then personally appeared the above named Kyle MacBeth and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 14th day of November, 2001.
Notary Public (Ann SHERRY)
My commission expires: 4/19/07

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Fong-Ying TsaiState of)
)ss
County of)

Then personally appeared the above named Fong-Ying Tsai and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

ASSIGNMENT

We, Rachel Meyers of Newton, MA, Kyle MacBeth of Boston, MA, and Fong-Ying Tsai of Newton, MA, in consideration of One Dollar and other valuable consideration paid to us by Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, Massachusetts, 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

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And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Rachel Meyers

Then personally appeared the above named Rachel Myers and acknowledged the foregoing instrument to be his/her free act and deed, before me, this ____ day of _____, 2001.

Notary Public

My commission expires: _____

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Kyle MacBeth

State of)
)ss
County of)

Then personally appeared the above named Kyle MacBeth and acknowledged the foregoing instrument to be his/her free act and deed, before me, this _____ day of _____, 2001.

Notary Public

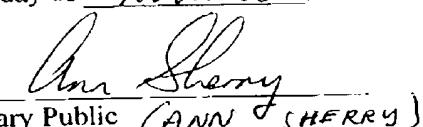
My commission expires: _____

WITNESS my hand and seal this 14th day of November, 2001.

By: 
Fong-Ying Tsai

State of Massachusetts)
)ss
County of Middlesex)

Then personally appeared the above named Fong-Ying Tsai and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 14th day of November, 2001.


Notary Public (ANN J. SHERRY)
My commission expires: 4/19/07